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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete If Known				
Application Number	09/828,108			
Filing Date	April 6, 2001			
First Named Inventor	Jon D. Kittelsen			
Group Art Unit	3764			
Examiner Name	Michael A. Brown			
Attorney Docket Number	33116.51			

(use as many sheets as necessary)

 Sheet
 1
 of
 10
 Attorney Docket Number
 33116.51

Document Number		Document Number Publication Date	Name of Patentee or Applicant of			
Examiner Cite No.1		Number - Kind Code ² (# known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Unes, Where Releva Passages or Relevant Figures Appear	
NB	1	US-D328,494	08-04-1992	Allison J. Schwendeman, et al		
. (2	US- D343,928	02-01-1994	Jon D. Kittelsen		
	3	US- D356,188	03-07-1995	Jon D. Kittelsen		
	4	US- D373,421	09-03-1996	Thomas J. Brown		
	5	US- D397,442	08-25-1998	Jon D. Kittelsen	,	
1	6 .	US- 257,038	04-25-1882	James V. McMann		
	7	US- 1,117,928	11-17-1914	Walter J. Thurmond		
	8	US- 1,323,832	12-02-1919	Isldor Chige		
	9	US- 1,481,209	07-10-1923	Josiah S. Bridges	87 , Z	
	10	US- 1,470,888	10-16-1923	Victor C. Smedley		
	11	US- 1,487,392	03-18-1924	Payton A. Les		
	12	US- 2,118,980	05-31-1938	Howard H. Montgomery, et al	7 9 1	
	13	US- 2,257,709	09-30-1941	Louis P. Anderson	= \ \ \ \	
T	14	U\$- 2,423,005	06-24-1947	Hyman F. Chaiken	93 77	
	15	US- 2,630,117	03-03-1953	Clarence F. Coleman	2	
	16	US- 2,643,652	08-30-1953	Jack F. Cathcart	2	
	17	US- 2,659,368	11-17-1953	Albert J. Savarese		
	18	US- 2,669,988	02-23-1954	Victor H. Carpenter		
\sqrt{I}	19	US- 2,678,043	05-11-1954	Emanuel Stark		
V	20	US- 2,694,397	11-16-1954	Frederick W. Herms		

		FOREIGN PA	TENT DOCU	MENTS				
Examiner Cite		Foreign Patent Document	Dublication	Name of Patentee or	Pages, Columns, Lines,			
initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ⁶ (# known)	Publication Date MM-DD-YYYY	Date Applicant of C	Date Document Passages or	Applicant of Cited	Where Relevant Passages or Relevant Figures Appear	₹*
MB	21/	DE 480423	07-11-1929	Dr. Karl Koneffke				
MB	22	CA - 1147583	06-07-1983	Gerald Dufour				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete If Known 09/828,108 Application Number Filing Date April 6, 2001 Jon D. Kittelsen First Named Inventor 3764 Group Art Unit Michael A. Brown **Examiner Name** 33116.51 Attorney Docket Number

(use as many sheets as necessary)

US-3,319,626

of 10

			U.S. PATENT	DOCUMENTS		
		Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
Examiner Initials *	Cite No.	Number - Kind Code ² (# known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear	
M	23	US-2,702,032	02-15-1955	Jack J. Freedland		
1	24	US- 2,708,931	05-24-1955	Jack J. Freedland		
	25	US- 2,750,941	08-19-1956	Jack F. Cathcart		
1	28	US- 2,833,278	05-08-1958	Harold M. Ross		
	27	US- 2,847,003	08-12-1958	Norman D. Helmer, et al		
	28	US- 2,933,811	04-26-1960	Herman M. Lifton		
	29	US- 2,986,908	01-03-1961	Jack F. Cathcart, et al		
	30	US- 3,018,052	01-09-1862	Louis L. Zubren	1	
	31	US- 3,058,482	10-16-1962	Louis L. Greenblum	·	
	32	US- 3,073,300	01-15-1983	Hyman H. Berghash		
	33	US- 3,082,765	03-26-1963	Norman D. Helmer	ω -	
	34	. US- 3,107,667	10-22-1983	Emest R. Moore	7 = 6	
1	35	US- 3,124,129	03-10-1964	Marc E. Grossberg	00 1	
	36	US- 3,126,002	03-24-1964	Herbert E. Owens	- ~ n	
	37	US- 3,203,417	08-31-1965	Norman D. Heimer	· > 0	
1	38	US- 3,207,153	09-21-1965	Sol Goldstein	22	
—	39	US- 3,223,085	12-14-1965	Kenneth W. Gores, et al		
1::	40	US- 3,247,844	04-26-1968	Hyman H. Berghash		
17	41	US- 3,312,218	04-04-1967	Alfred G. Jacobs	3	

FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document		Name of Patentee or .	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No. ¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>il known</i>)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	7°
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05-16-1967

David K. Lindsay

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Examiner Signature	ng	Date Considered	7-21-05

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Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Complete If Known	
Application Number	09/828,108	
Filing Date	April 6, 2001	
First Named Inventor	Jon D. Kittelsen	
Group Art Unit	3764	
Examiner Name	Michael A. Brown	
Attomey Docket Number	33116.51	

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Sheet 3 of 10 Attorney Docket Number 3311

Examiner Cite Initials No.'	Cita		Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevan	
	Number - Kind Code ² (# known)		Cited Document	Pages, Courns, Lines, where Keleva Passages or Relevant Figures Appear		
MB	43	US-3,407,809	10-29-1968	Harold M. Ross		
, , , , ,	44	US- 3,411,501	11-19-1968	Samuel Greenberg		
	45	US- 3,416,527	12-17-1968	William A. Hoef		
	48	US- 3,448,738	08-10-1969	Robert D. Berghash		
	47	US-3,457,916	07-29-1969	Jerry M. Wolicki	,	
	48	US-3,496,936	02-24-1970	Kenneth W. Gores		
1	49	US- 3,485,242	12-23-1969	Samuel Greenberg		
	50	US- 3,505,995	04-14-1970	Samuel Greenberg		
	51	US-3,513,838	05-28-1970	John W. Foderick, et al	C	
	52	US- 3,518,988	07-07-1970	Kenneth W. Gores	(A)	
	53	US- 3,532,091	10-08-1970	Martin D. Lerman	7 7	
	54	US- 3,882,164	08-08-1972	Glenn O. Miller		
	55	US- 3,692,025	09-19-1972	Samuel Greenberg		
	58	US- 3,768,465	10-30-1973	Norman D. Helmer	- A 29 F	
	57	US-3,884,832	02-11,1975	Gunnar O. Carlson		
	58	US- 3,916,527	11-04-1975	Leonard I. Linkow	≈ ≂ ∟	
	59	US- 3,924,638	12-09-1975	Gilbert E. Mann		
	60	US-3,943,924	03-16-1976	Steven B. Kallastad, et al	3	
11/	61	US- 4,030,493	06-21-1977	William T. Walters, et al		
V	82	US-4,044,762	08-30-1977	Alfred G. Jacobs		

	FOREIGN PATENT DOCUMENTS					
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.	Country Code ³ - Number ⁴ - Kind Code ⁶ (If Isnown)	Date MM-OD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	_ 1⁰
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of 10

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US-4,755,139

US-4,763,791

Complete if Known					
Application Number	09/828,108				
Filing Date	April 6, 2001				
First Named Inventor	Jon D. Kittelsen				
Group Art Unit	3764				
Examiner Name	Michael A. Brown				
Attorney Docket Number	33116.51				

		•	U.S. PATENT	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code ² (# known)	MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Kelevant Passages or Relevant Figures Appear
MB	63	US-4,083,552	12-20-1977	Robert E. Going, et al	
Ĭ	64	US- 4,114,614	09-19-1978	Peter C. Kesling	
	65	US- 4,185,817	01-29-1980	Eugenia N. Peterson	
Ŧ	66	US- 4,211,008	07-08-1980	Martin D. Lerman	
	67	US- 4,330,272	05-18-1982	Earl O. Bergersen	>
	68	US- 4,337,765	07-08-1982	Edgar S. Zimmerman	0
	69	US- 4,348,178	09-07-1982	Craven H. Kurz	ω
	70	US- 4,376,628	03-15-1983	Henri J. Aardse	JI 7(
T	71	US- 4,457,708	07-03-1984	Gerald Dufour	00
	72	US- 4,490,112	12-25-1984	Susumu Tanaka, et al	2
	73	US- 4,495,945	01-29-1985	Kenneth B. Liegner	9
	74	US- 4,519,386	05-28-1985	Ashley H. Sullivan	20 L.
1	75	US- 4,568,280	02-04-1986	Jeffrey H. Ahlin	R 20
T	76	US- 4,591,341	05-27-1986	Lawrence F. Andrews	0
	77	US-4,640,273	02-03-1987	Franklin R. Greene, et al	Ž
T	78	US- 4,671,768	06-09-1987	John J. Norton	
T	79	US- 4,672,959	06-16-1987	Robert H. May, et al	
T	80	US- 4,727,867	03-01-1988	William R. Knoderer	

	•	FOREIGN PA	TENT DOCU	MENTS		
	0"-	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Examiner Initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁵
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Gerard P. Abbatte, et al

George E. Halverson, et al

07-05-1988

08-16-1988

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete If Known

Application Number 09/828,108

Filing Date April 6, 2001

First Named Inventor Jon D. Kittelsen

Group Art Unit 3764

Examiner Name Michael A. Brown

Attorney Docket Number 33116.51

(use as many sheets as necessary)
Sheet 5 of 10

U.S. PATENT DOCUMENTS Document Number Name of Patentee or Applicant of Cited Document Examiner Initials * **Publication Date** Pages, Columns, Lines, Where Relevant MM-DD-YYYY Number - Kind Code² (If known) Passages or Relevant Figures Appear 745 83 US-4,765,324 08-23-1988 John R. Lake, Jr. RA US-4,791,941 12-20-1988 Quinton A: Schaefer 85 US-4,793,803 12-27-1988 Martin G. Martz 86 US-4,799,500 01-24-1989 Renton D. Newbury 87 US-4,810,192 03-07-1989 Edward D. Williams 88 US-4,838,283 06-13-1989 Alexander Y. Lee, Jr. 89 US-4,848,365 07-18-1989 Clement A. Guarlotti, et al 90 US- 4,887,147 09-19-1989 E. Wayne Davis 91 US-4,944,947 07-31-1990 Martin H. Newman 82 US- 4,955,393 09-11-1990 Loren S. Adell 93 US- 4,978,618 12-11-1990 Kent Anderson 84 US- 4,977,905 12-18-1990 Jon D. Kittelsen, et al 95 US- 4,989,616 02-05-1991 Alexander Y. Lee, Jr. 96 US-5,031,611 07-16-1991 Randall C. Moles 97 US-5,031,638 07-16-1991 Cosmo R. Castaldi 98 US- 5,063,940 11-12-1991 Loren S. Adell, et al US- 5,076,785 99 12-31-1991 Yu-Son Tsal 100 US-5,082,007 01-21-1992 Loren S. Adell 101 US-5,103,838 04-14-1992 Edward N. Yousif 102 US-5,112,225 05-12-1992 Michael Diesso

		FOREIGN PA	TENT DOCU	MENTS		
Examiner Cite	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ³ (F known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	τ•
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/828,108

Filing Date April 6, 2001

First Named Inventor Jon D. Kittelsen

Group Art Unit 3764

Examiner Name Michael A. Brown

Attorney Docket Number 33116.51

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Sheet 6 of 10

			U.S. PATENT I	DOCUMENTS	,	
Examiner	Cite No.1		Publication Date	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Clied Document	Pages, Columns, Lines, Where Relevant
Initiats *	NO.	Number - Kind Code ² (If known)	MM-00-1111	1	Passages or Relevant Figures Appear	
MB	103	US-5,117,816	06-02-1992	Norman A. Shapiro	- Igerou Appear	
	104	US- 5,152,301	10-06-1992	Jon D. Kittelsen, et al		
	105	US- 5,154,609	10-13-1992	Peter T. George		
	106	US- 5,165,424	11-24-1992	Harvey N. Silverman		
	107	US- 5,174,284	12-29-1992	Frank W. Jackson		
	108	US- 5,194,003	03-16-1993	Gabriel L. Garay, et al		
	109	US- 5,194,004	03-16-1993	Earl O. Bergersen		
	110	US- 5,203,351	04-20-1993	Loren S, Adell		
	111	US- 5,234,005	08-10-1993	Jon D. Kittelsen, et al	7	
	112	US- 5,235,991	08-17-1993	Sue A. Minneman	ω	
	113	US- 5,259,762	11-09-1993	Christopher J. Farrell	7	
	114	US- 5,277,203	01-11-1994	Marvin B. Hays	8 =	
	115	US- 5,293,880	03-15-1994	Steven J. Levitt	2 N	
	116	US- 5,297,960	03-29-1994	Willam F. Burns	इं उ	
	117	US- 5,299,936	04-05-1994	Masato Ueno	:- 2	
	118	US- 5,302,117	04-12-1994	Jon Kraut, et al	रू है	
	119	US- 5,313,960	05-24-1994	Barbara R. Tosasi		
	120	US- 5,316,474	05-31-1994	Watter H. Robertson	<u> </u>	
11/	121	US- 5,320,114	06-14-1994	Jon D. Kittelsen, et al	· · · · · · · · · · · · · · · · · · ·	
	122	US- 5,323,787	06-28-1994	Andrea P. Pratt		

		FOREIGN PA	TENT DOCU	MENTS		·
Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁸ (# Innown)	Publication Date MM-OD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	To
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US- 5,590,643

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor Jon D. Kittelsen

Group Art Unit 3764

Examiner Name Michael A. Brown

Attorney Docket Number 33116.51

				U.S. PATENT (DOCUMENTS	
Examiner Initials		Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Daniel Oaksan Alban Millian Oaks
		No.'	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
		123	US-5,328,362	07-12-1994	Sherman L. Watson, et al	
	Ĺ	124	US- 5,336,086	08-09-1994	Christian Simmen	
		125	US- 5,339,832	08-23-1994	Jon D. Kittelsen, et al	
		126	US- 5,353,810	10-11-1994	John D. Kittelsen, et al	
\Box		127	US- 5,385,155	01-31-1995	Jon D. Kittelsen, et al	
-{		128	US- 5,365,946	11-22-1994	Norm J. V. McMillan	
		129	US- 5,386,821	02-07-1995	Karl A. Poterack	
		130	US- 5,401,234	03-28-1995	Barry M. Libin	
		131	US- 5,408,963	04-18-1995	Loren S. Adell	
		132	US- 5,447,168	09-05-1995	James J. Bancroft	3
Ι		133	US- 5,460,527	10-24-1995	Jon D. Kittelsen	
		134	US- 5,469,865	11-28-1995	Sue A. F. Minneman	
1		135	US- 5,490,520	02-13-1996	Donald W. Schaefer, et al	्र हु
		136	US- 5,511,562	04-30-1996	Raymond R. Hancock	
		137	US- 5,513,658	05-07-1996	James P. Boyd, Sr.	¥ (2)
		138	US- 5,533,524	07-09-1996	Sue A. F. Minneman	
		139	US- 5,566,684	10-22-1996	Eugene C. Wagner	- F 720 F
		140	US- 5,584,687	12-17-1996	Maureen P. Sullivan	- F0
		141	US- 5,586,582	12-24-1996	Warren W. Matz	2
_	7					

		FOREIGN PA	TENT DOCU	MENTS		_
Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (# known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶
	 					
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Substitute for form 1449A/PTO				Complete if Known		
INFO	RMATION	DIS	CLOSURE	Application Number	09/828,108	
STATEMENT BY APPLICANT				Filing Date	April 6, 2001	
				First Named Inventor	Jon D. Kittelsen	
				Group Art Unit	3764	
	(use as many she	ets as	necessary)	Examiner Name	Michael A. Brown	
Sheet	8	of	10	Attorney Docket Number	33116.51	

U.S. PATENT DOCUMENTS						
- Xårniner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant	
Initials *	No.	Number - Kind Code ² (if Imown)	MM-DD-YYYY	Caso Occument	Passages or Relevant Figures Appear	
743	143	US-5,592,951	01-14-1997	Vincent Castagnaro		
	144	US- 5,624,257 .	04-29-1997	Christopher J. Farrell		
	145	US- 5,636,379	06-10-1997	Edward D. Williams		
	146	US- 5,646,216	07-08-1997	Sherman L. Watson, et al		
	147	US- 5,649,534	07-22-1997	Stephen W. Briggs, III		
7	148	US- 5,666,973	09-16-1997	Janos Watter		
	149	US- 5,692,523	12-02-1997	Theodore P. Croll, et al		
	150	US- 5,718,243	02-17-1998	Shirley Weatherford, et al		
	151	US- 5,718,575	02-17-1998	Henrey D. Cross, ili		
	152	US- 5,730,599	03-24-1998	Elizabeth Y. Pak	r c	
	153	US- 5,746,221	05-05-1998	Carl H. Jones, et al	ώ	
	154	US- 5,818,255	10-06-1998	Laurence Fishman, et al	0	
	155	US- 5,819,744	10-13-1998	Frank S. Stoyka, Jr.	0 1	
	156	US- 5,823,193	10-20-1998	Gary H. Singer, et al	20	
	157	US- 5,823,194	10-20-1998	Barry Lampert		
	158	US- 5,826,581	10-27-1998	Nobutaka Yoshida	21	
T	159	US- 5,838,761	11-17-1998	Paul C. Belvedere, et al	2002 - RG	
	160	US- 5,865,619	02-02-1999	Henry D. Cross, III, et al	<u> </u>	
1/	161	US- 5,873,365	02-23-1999	Thomas J. Brown		
A	162	US- 5,879,155	03-09-1999	Jon D. Kittelsen	,	

	FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Examiner initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ⁶ (# known)	Publication Date MM-DD-YYYY	Applicant of Cited Passages or Relevant Passages or Relevant Figures Appear		T ⁶
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	Group Art Unit	3764
(use as many sheets as necessary)	Examiner Name	Michael A. Brown

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U.S. PATENT DOCUMENTS						
Evambar	Cite Document Number		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan	
Examiner initials	No.	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear	
Щ	163	US-5,915,385	06-29-1999	Farhad Hakimi		
	164	US- 5,921,240	07-13-1999	Robert A. Gall		
	165	US- 5,931,164	08-03-1999	Timothy Klety, et al		
	186	US- 5,947,918	09-07-1999	Carl H. Jones, et al		
\top	167	US- 5,970,981	10-26-1999	George M. Ochel		
	168	US- 6,012,919	01-11-2000	Henry D. Cross, III, et al		
	169	US- 6,036,487	03-14-2000	Bill Westerman		
	170	US- 6,039,046	03-21-2000	Conrad Melton Swartz, et al		
	171	US- 6,068,475	05-30-2000	Frank S. Stoyka, Jr.		
	172	US- 6,082,363	07-04-2000	Steven J. Washburn		
	173	US- 6,092,524	07-25-2000	Carl A. Barnes, Sr.	-	
	174	US- 6,098,627	08-08-2000	Charles H. Kellner, et al	ਨ	
	175	US- 6,109,266	08-29-2000	Mauro Turchetti	3	
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	FOREIGN PATENT DOCUMENTS					
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(use as many sheets as necessary)	Examiner Name	Michael A. Brown	
Sheet . 10 of 10	Attorney Docket Number	33116.51	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Ţ ²
rh	178	Mouth Protectors: Give Your Teeth a Sporting Chance, American Dental Association, 1985	
	177	STEPHEN D. SMITH, D.M.D., Muscular Strength Correlated to Jaw Posture and the Temporomandibular Joint, New York State Dental Journal, Volume 44, No. 7, August-September 1978	
	178	W.B. MAY, D.D.S., Reduction of Stress in the Chewing Mechanism ~ Part III	
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